

In the Claims:

Kindly cancel claims 5 and 28 without prejudice, and amend claims 1 and 22 to include subject matter of allowable claims 5 and 28, respectively, as follows:

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1. (currently amended) Heart condition monitoring apparatus, comprising:

7. a pair of glasses;  
a plurality of light emitting diodes on the glasses for emitting light onto a surface;  
a plurality of photosensors on the glasses for receiving reflected light;  
electronic circuitry on the glasses and connected to the plurality of photosensors for receiving signals from the plurality of photosensors; ~~and~~  
a power source on the glasses and connected to the ~~the~~ plurality of light emitting diodes, the plurality of photosensors and the electronic circuitry for providing power; and  
wherein the plurality of photosensors are positioned in a plane offset from the plane of light emission from the light emitting diodes.

2. (original) The apparatus of claim 1, wherein the power source is a battery.

3. (original) The apparatus of claim 1, wherein the power source is at least one solar cell.

4. (original) The apparatus of claim 3, further

comprising:

a battery as a back-up power source to the at least one solar cell.

5. (cancelled) without prejudice.

6. (original) The apparatus of claim 1, further comprising a transmitter on the glasses and connected to the circuitry for transmitting signals from the circuitry to a remote receiver.

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7. (original) The apparatus of claim 1, further comprising a plurality of lamps on the pair of glasses for indicating a sensed condition of a user.

8. (original) The apparatus of claim 1, further comprising a display on lenses of the glasses for indicating the sensed condition of a user.

9. (original) The apparatus of claim 8, wherein the display is a numerical display for indicating the user's heart rate and pulse rate.

10. (original) The apparatus of claim 1, further comprising at least one button on the glasses for inputting the user's information.

11. (original) Heart condition monitoring apparatus, comprising:

a pair of glasses;

a plurality of light emitting diodes on the glasses for emitting light onto a surface;

a plurality of photosensors on the glasses for

receiving reflected light;  
a plurality of electrodes positioned on a user's  
body for determining heart rate;  
a sensor on the user's wrist for determining pulse  
rate;  
a receiver on the glasses for receiving signals  
from the plurality of photosensors, from the  
plurality of electrodes and from the sensor; and  
a power source connected to the glasses for  
providing power to the plurality of light emitting  
diodes, the plurality of photosensors and the  
receiver.

12. (original) The apparatus of claim 11, further  
comprising:

a display on the lenses of the glasses for  
displaying signals transmitted by the receiver  
indicating a sensed condition of the user.

13. (original) The apparatus of claim 12, wherein the  
display is a numerical display for indicating the user's pulse  
rate and heart rate.

14. (original) The apparatus of claim 11, further  
comprising:

a plurality of lamps on the glasses for indicating  
the sensed condition of the user.

15. (original) The apparatus of claim 11, wherein the  
sensor is connected to a watch.

16. (original) The apparatus of claim 11, wherein the plurality of photosensors are positioned in a plane offset from the plane of light emission from the light emitting diodes.

17. (original) The apparatus of claim 11, wherein the power source is a battery.

18. (original) The apparatus of claim 11, wherein the power source is at least one solar cell.

19. (original) The apparatus of claim 18, further comprising:

a battery as a back-up power source to the at least one solar cell.

20. (original) The apparatus of claim 15, further comprising a radio transmitter on the watch for transmitting signals from the sensor to the receiver.

21. (original) The apparatus of claim 11, wherein the receiver is a signal discriminator chip.

22. (currently amended) A method of monitoring heart condition, comprising:

providing a pair of glasses;  
emitting light onto a surface of a user by a plurality of light emitting diodes on the glasses;  
receiving reflected light by a plurality of photosensors on the glasses;  
determining changes in the amount of reflected light received by the photosensors;  
transmitting a signal corresponding to the change

in reflected light from the photosensors to  
circuitry on the glasses; and  
determining a user's condition by measuring  
changes in the signals received by the circuitry,  
placing a sensor on the user's wrist;  
sensing the user's pulse rate by the sensor; and  
transmitting the pulse rate signal from the sensor  
to the circuitry on the glasses.

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23. (original) The method of claim 22, further comprising  
inputting target conditions to the circuitry;  
comparing the sensed condition to the target  
condition; and  
indicating to the user the relation between the  
sensed condition and the target condition.

24. (previously amended) The method of claim 23, wherein  
the indicating to the user comprises displaying a lighted display  
on the lenses of the glasses.

25. (previously amended) The method of claim 23, wherein  
the indicating to the user comprises displaying a numerical  
display on the lenses of the glasses.

26. (previously amended) The method of claim 22, further  
comprising:

sending the signal from the circuitry to a  
transmitter;  
sending the signal from the transmitter to a  
remote receiver;

sending the signal from the remote receiver to a home computer;

determining if the sensed condition exceeds the user's inputted target condition; and

sending the signal from the home computer to a doctor's office through the Internet when the sensed condition exceeds the target condition.

27. (previously amended) The method of claim 22, further comprising:

sending the signal from the circuitry to a transmitter;

sending the signal from the transmitter to a home computer;

determining if the sensed condition exceeds the user's inputted target condition by the home computer; and

dialing an emergency service by the home computer when the sensed condition exceeds the target condition.

28. (cancelled) without prejudice.

29. (previously amended) The method of claim 22, further comprising:

placing a plurality of electrodes on the user;

sensing the user's heart rate through the plurality of electrodes; and

transmitting the heart rate signal from the

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plurality of electrodes to the circuitry on the  
glasses.

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